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NEW MEXICO OIL CONSERVATION COMMISSION

30-031-20749
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Santa Fe Railroad "B"
9. Well No. 39
10. Field and Pool or Wildcat South Hospah Field Upper Hospah Sand
12. County McKinley
19. Proposed Depth 1650' GL
19A. Formation Upper Hospah
20. Rotary or C.T. Rotary
21. Approx. Date Work will start Nov. 15, 1981

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
1b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Injector
1c. Name of Operator Tesoro Petroleum Corp.
1d. Address of Operator 2000 1st of Denver Plaza, Denver, CO 80202
1e. Location of Well UNIT LETTER M LOCATED 50 FEET FROM THE South LINE
1f. Section 50 FEET FROM THE West LINE OF SEC. 5 TWP. 17N RGE. 8W NMPM
19. Proposed Depth 1650' GL
19A. Formation Upper Hospah
20. Rotary or C.T. Rotary
21. Approx. Date Work will start Nov. 15, 1981

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	40' GL	30 sks. "B" w/3% CC	Surface
7 7/8"	5 1/2"	14#	1650'	80 sks. "B" w/1% CC	1250 ft.

1. Drill 12 1/4" hole to 40 ft. Set one joint 8 5/8", 24# casing at 40 ft. Cement to surface w/30 sks. class "B" w/3% CaCl₂. WOC 12 hrs.
2. Drill 7 7/8" hole to 1650' GL. No BOP required.
3. Run IES-GR-SP logs from TD to 1250'.
4. Run 5 1/2", 14#, K-55 casing to TD and cement from TD to 1250' w/80 sks. class "B" w/1% calcium chloride.
5. Perforate Upper Hospah formation for most efficient water injection sweep.
6. Run tubing and packer and prepare well for water injection.

No additional surface disturbance is anticipated in doing this work.

In accordance with Order R-6702, administrative approval was applied for on this well by Thomas Kellahin, Attorney at Law on October 8, 1981, in addition to exhibits of Case 6726 from which Order R-6227 was entered.

NOV 13 1981
DIST. 3

IF ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATE OF PROPOSED PRODUCTIVE ZONE AND PROPOSED NEW PRODU-
TIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed W. J. Parks Title Dist. Operations Manager Date 10/21/81

(This space for State Use)

APPROVED BY Frank J. Carey TITLE SUPERVISOR DISTRICT # 3

NOV 13 1981

CONDITIONS OF APPROVAL, IF ANY:

1. + ...

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form O-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

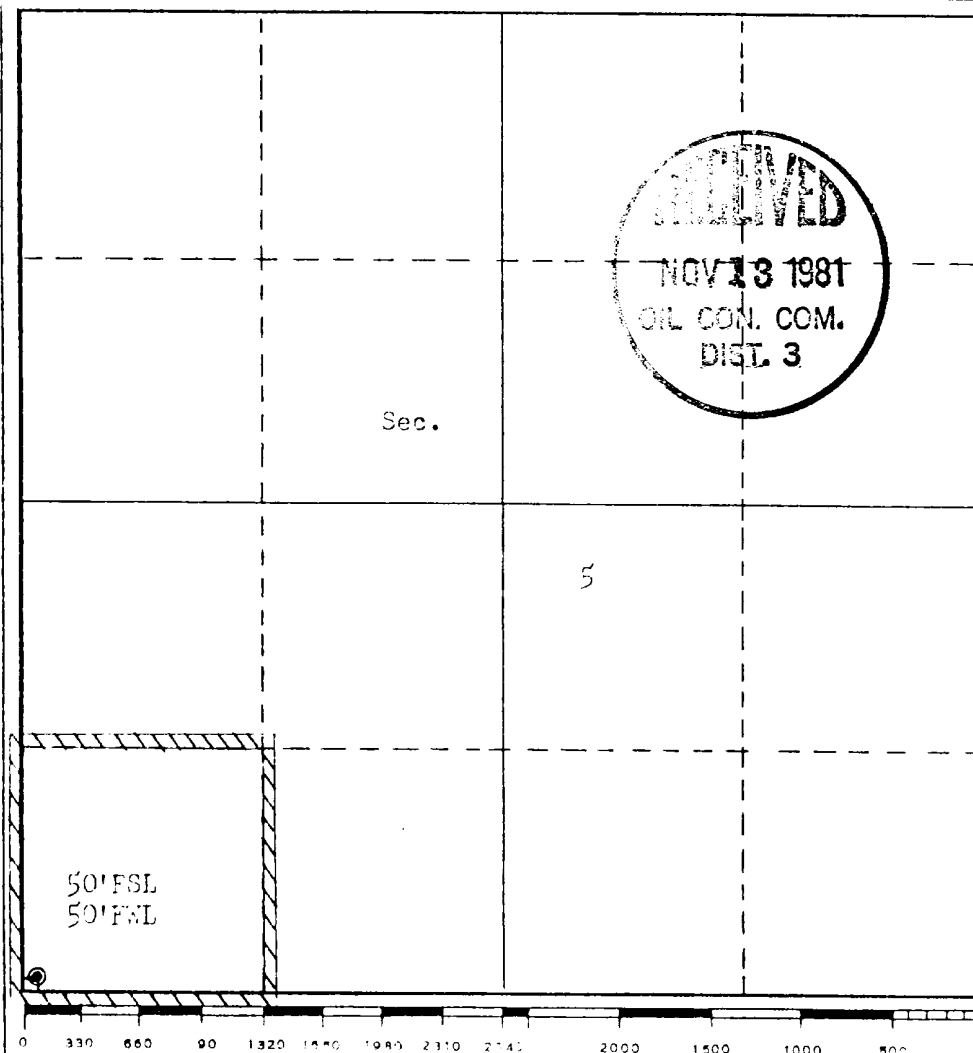
Operator TESORO PETROLEUM CORPORATION			Lease SANTA FE R. R. "B"		Well No. 39
Unit Letter M	Section 5	Township 17N	Range 8W	County McKinley	
Actual Footage Location of Well: 50 feet from the South line and 50 feet from the West line					
Ground Level Elev. 6881	Producing Formation Upper Hospah		Pool S. Hospah Upper Sand		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). One Lease
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

W. F. Parks

Name

W. F. Parks

Position

District Operations Mgr.

Company

Tesoro Petroleum Corp.

Date

10/21/81

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

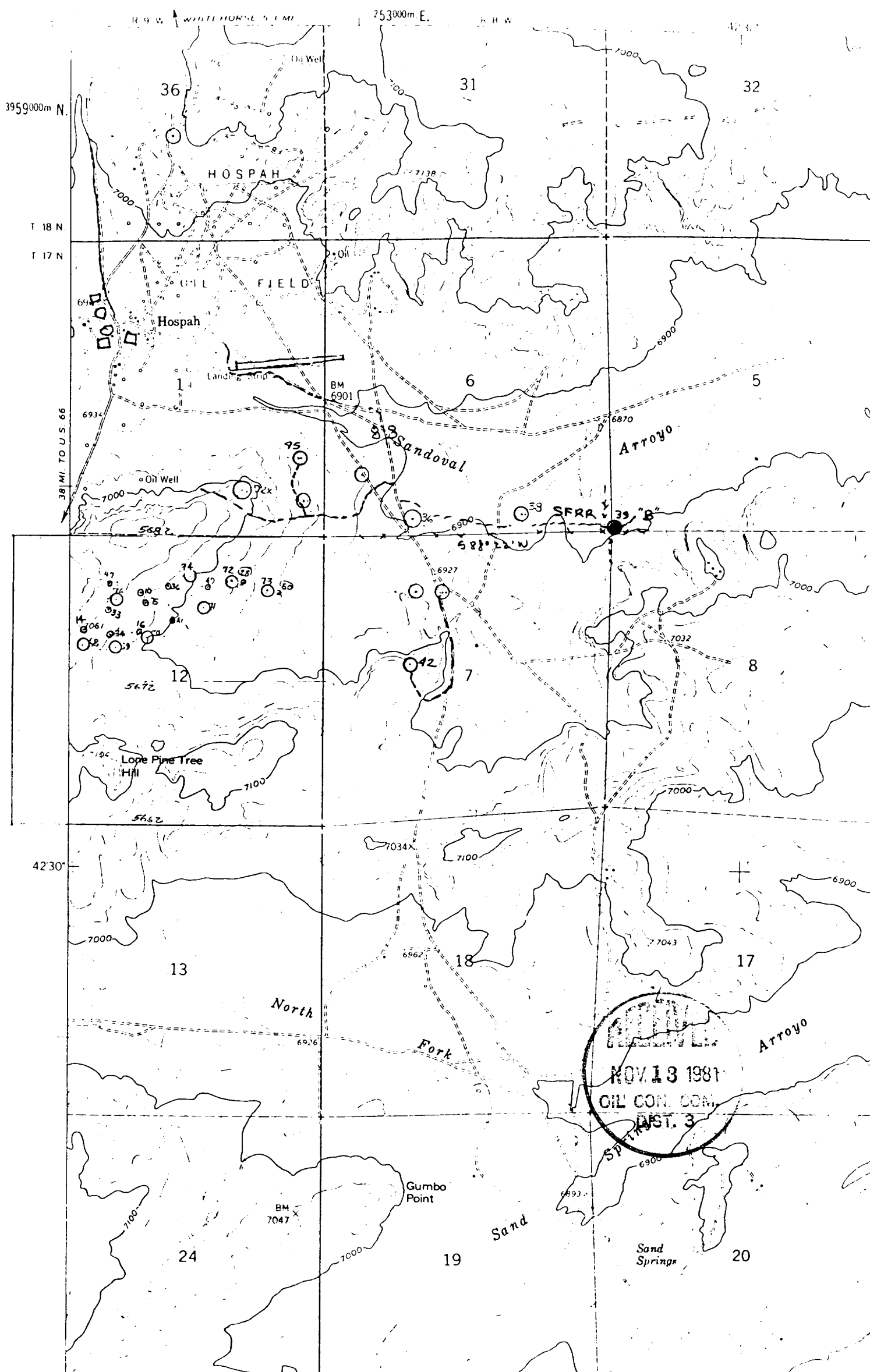
Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950



Vicinity Map for
 TESORO PETROLEUM CORP, #39 SANTA FE R.R. "B"
 50'FSL 50'FWL Sec. 5-T17N-R8W
 MCKINLEY COUNTY, NEW MEXICO